

What is claimed is as follows:

1. A stent for transluminal implantation comprised of a cylindrical structure including at least two joined cylindrical parts one part being capable of radially self-expanding, the other part being radially expandable only by means of an 5 interior radial force.
2. The stent of claim 1 wherein the two parts are in juxtaposition.
3. The stent of claim 1 wherein the other part is balloon expandable.
4. The stent of claim 1 wherein the one part is comprised of nitinol.
5. The stent of claim 1 wherein the one part comprises a proximal portion 10 of the stent.
6. The stent of claim 5 wherein the one part is flared with respect to the rest of the stent when in the expanded condition.
7. A balloon expandable stent including at least one self-expandable part with a balloon expandable part.
- 15 8. The stent of claim 7 wherein the two parts are in juxtaposition.
9. The stent of claim 7 wherein the self-expanding part is at the proximal end of the stent.
10. The stent of claim 9 wherein the self-expanding part is flared.
11. The stent of claim 7 wherein the self-expandable part has a larger 20 overall diameter than the rest of the stent.
12. The stent of claim 1 including a self-expanding part at each end of the other part.
13. A bifurcated stent comprised of three components including a trunk and two branches and in which at least one part is capable of self-expansion and at least 25 one part is radially expandable by means of an interior radial force.
14. The bifurcated stent of claim 13 in which the trunk component and one branch component are self-expandable and the other branch component is balloon expandable.
15. The bifurcated stent of claim 13 in which the trunk component is self 30 expandable and the branch components are balloon expandable.